إدارة شبين الكوم التعليمية
مدرسة مصر الحرة الخاصة

الإسم :-
الصف :- الأول الإعدادى
المادة :- الدراسات الإجتماعية

إختبار منتصف الفصل الدراسى الثانى للعام الدراسى
٢٠١٦ - ٢٠١٧ م

أولاً : الجغرافيا :-

السؤال الأول : أ- أمامك خريطة للعالم وضح مدلول الأرقام عليها :-

١- إقليم مناخى ..... . ٢- قـــارة ..... .
٣- دائرة عرض ..... . ٤- المحيط ..... .

ب- بما تفسر :-

١- إختلاف درجات الحرارة على سطح الأرض رغم أن مصدرها واحد .
٢- الرياح الموسمية الصيفية رياح ممطرة .
٣- إرتفاع درجة الحرارة طوال العام فى الإقليم الإستوائى .

السؤال الثانى : أ- إختر الإجابة الصحيحة مما بين القوسين :-

١- يمتد الإقليم ..... بين دائرتى عرض ١٨ ــ ٣٠ شمالاً .
(الصحراوى - المدارى الحار - المعتدل البارد)

٢- تعمل الرياح ..... على تلطيف درجات الحرارة بسبب قدومها من جهات اقل حرارة .
(التجارية - العكسية - الموسمية)

٣- تعد ..... أهم عناصر المناخ (الرياح - المطر ــ الحرارة).

ب- أكتب ما تشير إليه العبارات الآتية :-

١- الفرق بين متوسط درجات حرارة الليل ومتوسط درجات حرارة النهار .
٢- مناطق متصلة أو منفصلة من سطح الأرض لكنها متشابهة فى خصائصها المناخية العامة .

ثانياً : التاريخ :-

السؤال الأول : أ- أكتب ما تشير إليه العبارات الآتية :-

١- كتابة تعرف بخط رجال الدين .
٢- كتابات دينية كانت تدون على أوراق البردى وتوضع مع الميت لمساعدته فى الحساب .

ب- بم تفسر :-

١- بناء مدينة الإسكندرية .
٢- إهتمام المصريين بعلم الحساب .
٣- عرفت الكتابة الهيروغليفية بالخط المقدس .

السؤال الثانى : ضع علامة (√) أمام العبارة الصحيحة وعلامة (×) أمام العبارة الخاطئة فيما يلى :-

١- تتشابه مساكن المصريين القدماء من حيث البناء والأثاث ( ) .
٢- من أنواع الأدب التهذيبى نصائح "بتاح حتب" ( ) .
٣- تكون المجتمع المصرى القديم من ثلاث طبقات ( ) .
٤- تولى الإسكندر الحكم وهو فى سن العشرين من عمره ( ) .

ب- صوب ما تحته خط فيما يلى :-

١- كانت ملابس عامة الشعب المصرى القدم تصنع من الحرير .
٢- تعد نصوص الأهرام من الأدب القصصى .

Shibin El-kom Educational department
IDEL SCHOOL

Computer and IT
TIME ALLOWED: 1 HOUR

Mid Term Exam for 1st year preparatory school 2016/2017

(*The answers in the same paper*)

First question: write the suitable term

1. It is a method to access to the information which in the web pages the written by HTML language and Displayed by the Browser
   .....
2. It is a web page or more that connected together under a certain name and stored on one of the internet servers and although has an URL.
   .....
3. It is a device or program that used to prevent an authorized to log in specific site (unsafe). .....
4. It is a protocol that used to check data transfer from computer to another
   .....

Second question: choose the correct answer:

1. To share the document to your colleague click **(share – cut – paste - copy)**
2. The used rolls for connecting computer through the internet
   (Document – protocol- web page – all of them)
3. The main components of Cloud Computing are.....
   (Software – platform – infrastructure – all of these)
4. One of the internet services that allows users to access to the web site addresses which contain the required information **(FTP – Search – Chat - WWW)**
5. To create an email account on Gmail, open the internet browser and write Google in the ..... **(tool bar – address bar – menu bar – all of them)**

Third question: complete the following

1. To connect to the internet, you need .....,.....
2. ..... Is a technology to transfer processing and computer's storage to what called cloud which about server or a group of servers can be reaches through the internet.
3. To create a document using Google Docs, click.....and select ..... from the drop list.

Fourth question: mention what you know about

1. The requirements to log in cloud computing
   .....
2. The most well-known service providers of cloud computing.
   .....

Fifth question: put true / false

1. Download transfer files and program from your computer ( )
2. E-Commerce serve is provided by some of the web site to sell an buy through the internet ( )
3. I Cloud, Google Music are email services ( )
4. Amazon from the most important cloud computing provider ( )

Student name: .....

With my best wishes

Shebin Elkom Educational Administration
Misr AL-Hurrah IDGL School

Mid-term Science Exam
Second Term 2016 - 2017

Grade :- 1st prep.
Time :- 1 ½ Hours

Name / ----------
Class /----------

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Q1(A)* Write the scientific term for each of the following:

1. Number of electrons that the atom loses or gains during chemical reaction [.....]
2. Formed from the combination of oxygen with metal . [.....]
3. A set of atoms of different elements joined together and behave like one atom during the chemical reactions. [.....]
4- Compounds dissociated in water producing hydrogen ions. [.....]

(B)* What is meant by:

1. Chemical formula.----------
2. Positive ion .----------
3. Double covalent bond ----------

(B)write chemical formula and mention type of compound:

name of compound	chemical formula	type of compound
Sodium hydroxide		
Calcium carbonate		

© Put (√) or (x) and correct the wrong ones:

1- The bond in NH_3 molecule is triple covalent bond ( )
2- Lime water is consider from bases ( )
3- Valency of sulphur in SO_3 is trivalent ( )
4- Number of negative charge in negative ion equal number of electron which complete outer most shell ( )

Q3 (A) Choose the correct answer

1. The atom of $^{4}_{2}He$ is ..... valent.

a. zero b. mono c. di d. Tri

2- In negative ion the number of protons ..... number of electrons.

a. less than b. more than c. equal d. No correct answer

3- In $_{12}Mg^{++}$ number of electron in outer most shell .

a. 2 b. 8 c. 4 d. 18

4- ..... salt dissolve in water.

a. K_2SO_4 b. AgCl c) $PbSO_4$ d. PbI_2

Name:..... ..... 2016/ 2017	Mathematics **Mid-Term Exam** **prep. 1** (Algebra)T$_2$	Shebin El-kom Class: Educational Administration Misr Al-Hurra IDEL School

Question (1) : Choose the correct answer:

[1] *Quarter of* 4^{12} = ...(1^{11} , 2^{13} , 4^{13} , 4^{11})

[2] IF x = y then $(\frac{5}{7})^{x-y}$= ...($\frac{5}{7}$, $\frac{7}{5}$, 1 , 0)

[3] $2^5 \times 3^5$= ..... (5^5 , 6^5 , 6^{10} , 6^{25})

[4] The number 13400 000 = 1.34 × ..... (10^7 , 10^{-7} , 10^6 , 10^{-6})

[5] $3^5 + 3^5 + 3^5 = \cdots \ldots$ (3^6 , 27^5 , 3^{15} , 9^5)

[6] The number which in the standard form in the following

(11×10^8, 9.7×10^{-5} , 0.87×10^8, 10.3×10^{-3})

Question (2) : Complete with the correct answer

[1] *If* $x = \frac{1}{2}$, y = $\frac{1}{4}$ *then* $(x + y)^{-1} = \cdots$

[2] The multiplicative inverse of 5^{1} is .....

[3] $(4\frac{1}{2})^3 \div (2\frac{1}{4})^3$ = ...

[4] *The additive inverse of* $(-\frac{2}{3})^3$ *is* .....

[5] 2 ، 2 ، 4 ، 6 ، 10 ، ..... ، .....

[6] *If* $\frac{x}{y} = \frac{7}{2}$ *then* $\frac{2x}{7y}$ = ...

Question (3) :

First :If $x = \frac{2}{3}$ ، $y = \frac{1}{2}$ ، $z = -\frac{1}{3}$ *then find the value of* $x - z^2\, y$

Second : Simplify to the simplest form $\frac{5^5 \times 5^{-2}}{5^3}$

Question (4) :

(1) Calculate the value of : $8 \times (-2)^2 - 7 \times (4 + 1)$

(2) Which is smmaler $(-5)^{11}$ or $(-2)^4$.

(3) put $(5.4 \times 10^4) + (3.7 \times 10^5)$ in the standard form

The number which in the standard form in the following .

Name:..... ..... 2016/ 2017	Mathematics **Mid-Term Exam** **prep. 1** (geometry) T_2	Shebin El-kom Class: Educational Administration Misr Al-Hurra IDEL School

Question (1) : choose the correct answer

1) The measure of each angle of a regular octagon is .....

a) 108° b) 120° c) 135° d) 144°

2) The diagonal of a square makes angle of measure..... with any of its sides.

a) 60° b) 120° c) 90° d) 45°

3) The measure of the exterior angle of an equilateral triangle is .....

a) 90° b) 180° c)120° d) 360°

4) In a parallelogram if two adjacent sides are equal in length , then the shape is .....

a) square b) rhombus c) rectangle d) trapezium

5) If ABCD is a parallelogram in which BC = 8 cm , CD = 6cm , then its perimeter =.....

a) 14 cm b) 28 cm c) 48 cm d) 56 cm

Question (2) :Complete with the correct answer:

1) The line segment joining the midpoints of two sides of a triangle is ...

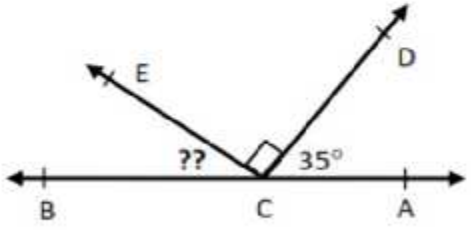
2) The square is a parallelogram in which .....

3) The number of the diagonals of a pentagon is .....

4)ABCD is a parallelogram in which m ($\angle A$) = 50°then m ($\angle B$) = ...

5) **In the opposite figure**: If $C \in \overleftrightarrow{AB}$

Then m ($\angle BCE$) =.....

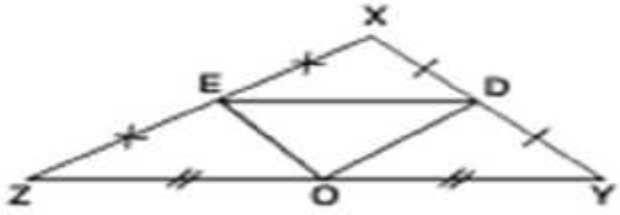


Question (3) :

[1 | If the interior angles of a polygon sum to 720° degrees,find the number of vertices of a polygon .

[2 |**In the opposite figure**:

) **In the opposite figure:**
XYZ is a triangle in which XY = 6 cm , XZ = 8 cm , YZ = 12 cm ,
Find the perimeter of Δ DOE



Question (4) :

[1]The parallelogram in which diagonals are perpendicular is called ..... or .....

[2 |**In the opposite figure** :

ABCD is a parallelogram in which
m(∠DAC) = 31°, m (∠ DCA) = 43° AB = 3 cm,
BC = 4 cm
Find: 1) the perimeter of ABCD

2) m (∠ B) 3) m (∠ BAC)